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# Search in SWISS-PROT and TrEMBL for: osteocalcin

**SWISS-PROT Release 40.34 of 15-Nov-2002**  
**TrEMBL Release 22.2 of 15-Nov-2002**

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- Number of sequences found in SWISS-PROT<sub>(16)</sub> and TrEMBL<sub>(5)</sub>: 21
- Note that the selected sequences can be saved to a file to be later retrieved; to do so, go to the bottom of this page.
- For more directed searches, you can use the Sequence Retrieval System SRS.

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**Search in SWISS-PROT: There are matches to 16 out of 119029 entries**

## OSTC BOVIN (P02820)

Osteocalcin precursor (Gamma-carboxyglutamic acid-containing protein)  
(Bone Gla-protein) (BGP). {GENE: BGLAP} - Bos taurus (Bovine)

## OSTC CANFA (P81455)

Osteocalcin (Gamma-carboxyglutamic acid-containing protein) (Bone

Gla-protein) (BGP). {GENE: BGLAP} - *Canis familiaris* (Dog)

**OSTC CHICK (P02822)**

Osteocalcin precursor (Gamma-carboxyglutamic acid-containing protein)

(Bone Gla-protein) (BGP). {GENE: BGLAP} - *Gallus gallus* (Chicken)

**OSTC DRONO (P15504)**

Osteocalcin (Gamma-carboxyglutamic acid-containing protein) (Bone

Gla-protein) (BGP). {GENE: BGLAP} - *Dromaius novaehollandiae* (Emu)

**OSTC FELCA (P02821)**

Osteocalcin (Gamma-carboxyglutamic acid-containing protein) (Bone

Gla-protein) (BGP). {GENE: BGLAP} - *Felis silvestris catus* (Cat)

**OSTC HORSE (P83005)**

Osteocalcin (Gamma-carboxyglutamic acid-containing protein) (Bone

GLA-protein) (BGP). {GENE: BGLAP} - *Equus caballus* (Horse)

**OSTC HUMAN (P02818)**

Osteocalcin precursor (Gamma-carboxyglutamic acid-containing protein)

(Bone Gla-protein) (BGP). {GENE: BGLAP} - *Homo sapiens* (Human)

**OSTC LEPMA (P28317)**

Osteocalcin (Gamma-carboxyglutamic acid-containing protein) (Bone

Gla-protein) (BGP). - *Lepomis macrochirus* (Bluegill)

**OSTC MACFA (P02819)**

Osteocalcin (Gamma-carboxyglutamic acid-containing protein) (Bone

Gla-protein) (BGP). {GENE: BGLAP} - *Macaca fascicularis* (Crab eating

macaque) (Cynomolgus monkey)

**OSTC MOUSE (P04641)**

Osteocalcin precursor (Gamma-carboxyglutamic acid-containing protein)

(Bone Gla-protein) (BGP). {GENE: BGLAP1 AND BGLAP2} - *Mus musculus*

(Mouse)

**OSTC RABIT (P39056)**

Osteocalcin (Gamma-carboxyglutamic acid-containing protein) (Bone

Gla-protein) (BGP). {GENE: BGLAP} - *Oryctolagus cuniculus* (Rabbit)

**OSTC RAT (P04640)**

Osteocalcin precursor (Gamma-carboxyglutamic acid-containing protein)

(Bone Gla-protein) (BGP). {GENE: BGLAP} - *Rattus norvegicus* (Rat)

**OSTC SPAAU (P40148)**

Osteocalcin (Gamma-carboxyglutamic acid-containing protein) (Bone

Gla-protein) (BGP). - *Sparus aurata* (Gilthead sea bream)

**OSTC\_XENLA (P40147)**

Osteocalcin (Gamma-carboxyglutamic acid-containing protein) (Bone

Gla-protein) (BGP). - *Xenopus laevis* (African clawed frog)

**OSTC\_XIPGL (P02823)**

Osteocalcin (Gamma-carboxyglutamic acid-containing protein) (Bone

Gla-protein) (BGP). - *Xiphias gladius* (Swordfish)

**OSTR\_MOUSE (P54615)**

Osteocalcin-related protein precursor (OC-X) (Nephrocalcin). {GENE:

BGLAP-RS1} - *Mus musculus* (Mouse)

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**Search in TrEMBL: There are matches to 5 out of 731773 entries**

**Q62530**

Osteocalcin (Gamma-carboxyglutamic acid-containing protein) (Bone

GLA-protein) (BGP) (Fragment) {GENE:BGLAP1} - *Mus spretus* (Western wild mouse)

**Q8JFA8**

Osteocalcin (Bone Gla protein) {GENE:BGP} - *Xenopus laevis* (African clawed frog)

**Q90VW2**

Osteocalcin - *Sparus aurata* (Gilthead sea bream)

**Q9PRU0**

Osteocalcin (Fragment) - *Gallus gallus* (Chicken)

**Q9TT28**

Bone gamma-carboxyglutamate protein osteocalcin (Fragment)

{GENE:GLA} - *Canis familiaris* (Dog)

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in SWISS-PROT/TrEMBL by AC, ID,  
description, gene name, organism  
Please do NOT use any boolean  
operators (and, or, etc.)

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If you would like to retrieve all the entries contained in this list , you can enter a file name. These entries will then be saved to a file under this name in the directory outgoing of the ExPASy anonymous ftp server, from where you can download it. (Please note that this temporary file will only be kept for 1 week.)

File name:

or

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# NiceProt View of TrEMBL: Q9TT28

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## General information about the entry

Entry name	Q9TT28
Primary accession number	Q9TT28
Secondary accession numbers	None
Entered in TrEMBL in	Release 13, May 2000
Sequence was last modified in	Release 13, May 2000
Annotations were last modified in	Release 23, February 2003

## Name and origin of the protein

Protein name	Bone gamma-carboxyglutamate protein osteocalcin [Fragment]
Synonyms	None
Gene name	GLA
From	<u>Canis familiaris</u> (Dog) [TaxID: <u>9615</u> ]
Taxonomy	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Carnivora; Fissipedia; Canidae; Canis.

## References

[1] SEQUENCE FROM NUCLEIC ACID.  
**STRAIN**=breed Beagle;  
Wezeman F.H., Moskal S.F. II.:  
 "Canine Osteoblast Gene Expression.";  
 Submitted (NOV-1999) to the EMBL/GenBank/DDBJ databases.

## Comments

None

## Cross-references

EMBL	AF205942; AAF18456.1; -.	<a href="#">[EMBL / GenBank / DDBJ]</a> <a href="#">[CodingSequence]</a>
InterPro	<a href="#">IPR002384; GLA bone.</a> <a href="#">IPR000294; VitK dep GLA.</a> <a href="#">Graphical view of domain structure.</a>	
Pfam	<a href="#">PF00594; gla; 1.</a>	
PRINTS	<a href="#">PR00002; GLABONE.</a>	
ProtoMap	<a href="#">Q9TT28.</a>	
PRESAGE	<a href="#">Q9TT28.</a>	
ModBase	<a href="#">Q9TT28.</a>	
SWISS-2DPAGE	GET REGION ON 2D PAGE.	

## Keywords

None

## Features

Key	From	To	Length	Description	
NON_TER	1	1			
NON_TER	34	34			

[Feature table viewer](#)

## Sequence information

Length: 34 AA [This is the length of the partial sequence]	Molecular weight: 3807 Da [This is the MW of the partial sequence]	CRC64: 3F323F8D6FDC65D8 [This is a checksum on the sequence]
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10	20	30
APVPYPDPLE	PKREVCELN	NCDELADHG

Q9TT28 in FASTA format

[View entry in original TrEMBL format](#)

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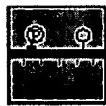
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